

FISH & RICHARDSON P.C.

225 Franklin Street
Boston, Massachusetts
02110-2804

Telephone
617 542-5070

Facsimile
617 542-8906

Web Site
www.fr.com

Date September 25, 2001

To Examiner Michael D. Pak
Commissioner of Patents
Washington, D.C. 20231

FAX RECEIVED
SEP 26 2001
GROUP 1600

Facsimile number 00786-07100005 / (703) 308-4242

From Janis K. Fraser, Ph.D., J.D.

Re Applicant: Gino V. Segre et al.

Serial No.: 09/199,874

Filed: November 24, 1998

Title: PARATHYROID HORMONE RECEPTOR AND DNA ENCODING SAME

Art Unit: 1646

Attorney Docket No.: 00786-071005

Number of pages
Including this page 9

Message

NOTE: This facsimile is intended for the addressee only and may contain privileged or confidential information. If you have received this facsimile in error, please immediately call us collect at 617 542-5070 to arrange for its return. Thank you.

Attorney's Docket No.: 00786-071005 / MGH-0459.4 Segre DIV3

23E
LP

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Gino V. Segre et al. Art Unit : 1646
 Serial No. : 09/199,874 Examiner : M. Pak
 Filed : November 24, 1998
 Title : PARATHYROID HORMONE RECEPTOR AND DNA ENCODING SAME

Commissioner for Patents
 Washington, D.C. 20231

SUPPLEMENTAL RESPONSE

Further to applicants' response to the action mailed May 7, 2001, please consider the following amendments and remarks.

In the claims:

Please amend claims 40 to 43 as follows:

40. A method for identifying a compound that competes with a parathyroid hormone for binding to a parathyroid hormone receptor, the method comprising

(a) providing a polypeptide that: (i) comprises at least 6 amino acids and less than the complete amino acid sequence of a parathyroid hormone receptor, and (ii) binds to parathyroid hormone;

(b) contacting the polypeptide with a parathyroid hormone in the presence of a candidate

09/27/2001 LPT 0000001 061050 09199874

01 FC:103
 02 FC:102

(c) comparing the level of binding of the polypeptide to the parathyroid hormone in the presence of the candidate compound with the level of binding of the polypeptide to the parathyroid hormone in the absence of the candidate compound, wherein a lower level of binding in the presence of the candidate compound than in its absence indicates that the candidate compound competes with parathyroid hormone for binding to the receptor.

CERTIFICATE OF TRANSMISSION BY FACSIMILE

I hereby certify that this correspondence is being transmitted by facsimile to the Patent and Trademark Office on the date indicated below.

Date of Transmission September 25, 2001

Signature Joanne D Boyle

Typed or Printed Name of Person Signing Certificate Joanne D. Boyle